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Notice of Allowability

Application No.

10/816,382

Examiner

Raj K. Jain

Applicant(s)

VIMPARI, MARKKU

Art Unit

2664

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 5/9/05.
2. ☒ The allowed claim(s) is/are 1-26.
3. ☒ The drawings filed on 4/1/04 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413), Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

DETAILED ACTION

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Harry Smith on July 26, 2005.

Replace claims 1 and 8 with new claims as follows:

Claim 1:

1 . A method for establishing a data transfer connection from a first device utilizing SIP protocol to a second device over a telecommunication network with at least two sub-networks from which at least one is unable to utilize SIP protocol, the method further comprising

- establishing a tunnel utilizing TCP protocol from a client application residing in a first sub-network, whereto the first device has established a connection utilizing SIP protocol; and

- wherein said tunnel established over sub-networks not supporting SIP protocol is terminated to a server application in a second sub-network supporting SIP protocol, which server application has a permanent IP address or DNS name, whereto is connected said second device, which utilizes SIP protocol.

Claim 8:

8. A network arrangement for establishing a data transfer connection from a first device utilizing SIP application to a second device over a telecommunication network with at least two sub-networks from which at least one is unable to utilize SIP protocol, the network arrangement comprising;

- a tunnel established utilizing TCP protocol from a client application residing in a first sub-network serving the first device; and

- wherein said tunnel over sub-networks not supporting SIP protocol is terminated to a server application in a second SIP supporting sub-network, which server application has a permanent IP address or DNS hostname, where to is connected said second terminal, which utilizes SIP protocol.

Allowable Subject Matter

The following is an examiner's statement of reasons for allowance:

Claims 1, and 8 are allowed. The prior art discloses a method for establishing a data transfer connection from a first device utilizing SIP or TCP protocol to a second device over a telecommunication network using the same protocol.

The prior art however fails to disclose or suggest the use of subnetworks in which TCP protocol is established by a client application residing in a first sub-network, where to the first device has established a connection utilizing SIP protocol and the other sub-networks that is unable to utilize SIP protocol is terminated to a server application.

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Claims 23, and 25 are allowed. The prior art discloses various computer readable programs for causing a computer to send and receive messages utilizing SIP, UDP or TCP protocols to and from the SIP, UDP or TCP user devices.

The prior art however fails to disclose or suggest a computer readable code means for causing an Split Proxy With Media (SPWM) agent to send and receive messages utilizing SIP, UDP or TCP protocols to and from a SIP application residing in the user device and a computer readable code means for causing the SPWM agent to create a TCP connection from the SPWM agent to a SPWM connection point.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Raj Jain whose telephone number is 571-272-3145. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wellington Chin can be reached on 571-272-3134. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9306 for regular communications and (703) 872-9306 for After Final communications.


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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 571-272-

2600.

A handwritten signature in black ink, appearing to be 'RJ', is written over the text 'RJ'.

RJ
July 26, 2005

A large, stylized handwritten signature in black ink, likely 'Wellington Chin', is written above the printed name and title.

WELLINGTON CHIN
SENIOR PATENT EXAMINER